

## Elab Fluor® Violet 540 Anti-Rat CD4(domain 1) Antibody[OX-38]

**Catalog Number:** E-AB-F1105T3

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

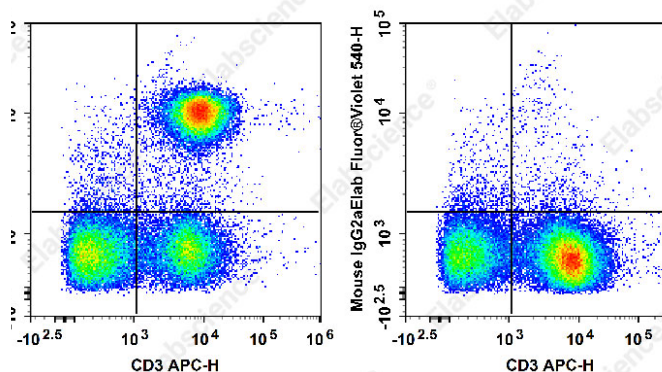
<b>Reactivity</b>	Rat
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a, κ
<b>Clone No.</b>	OX-38
<b>Isotype Control</b>	Elab Fluor® Violet 540 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802T3]
<b>Conjugation</b>	Elab Fluor® Violet 540
<b>Conjugation Information</b>	Elab Fluor® Violet 540 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 548 nm (e.g., a 572/28 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### Applications

### Recommended usage

<b>FCM</b>	Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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### Data



Staining of Rat splenocytes with APC Anti-Rat CD3

Antibody[G4.18] and Elab Fluor® Violet 540 Anti-Rat CD4(domain 1) Antibody[OX-38](left) or Elab Fluor® Violet 540 Mouse IgG2a, κ Isotype Control(right). Total viable cells were used for analysis.

### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	CD4;T-cell surface antigen T4/Leu-3;T-cell surface glycoprotein CD4;domain 1
<b>Uniprot ID</b>	P05540

### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V1.7

**Gene ID**

24932

**Background**

CD4, also known as T4, is a 55kD glycoprotein member of the immunoglobulin superfamily and is expressed on majority of thymocytes, macrophages, and a peripheral T cell subset (T helper cells). CD4 is a T cell co-receptor that interacts with the MHC class II molecule and is involved in T cell activation.